Final TCR Display PCT.WorkFile.txt
Organization Applicant

        Street : 57C Milton Park
        City : Abingdon
        State : Oxfordshire
        Country : England
        PostalCode : OX14 4RX
        PhoneNumber : +44 1235 438600
        FaxNumber : +44 1235 438601
        EmailAddress : martin.green@avidex.com
<110> OrganizationName : Avidex Ltd

Individual Applicant

        Street : Avidex Ltd, 57C Milton Park
        City : Abingdon
        State : Oxfordshire
        Country : England
        PostalCode : OX14 4RX
        PhoneNumber : +44 1235 438600
        FaxNumber : +44 1235 438601
        EmailAddress : bent.jakobsen@avidex.com
<110> LastName : Jakobsen
<110> FirstName : Bent
<110> MiddleInitial : K
<110> Suffix : Dr

Individual Applicant

        Street : Avidex Ltd, 57C Milton Park
        City : Abingdon
        State : Oxfordshire
        Country : England
        PostalCode : OX14 4RX
        PhoneNumber : +44 1235 438600
        FaxNumber : +44 1235 438601
        EmailAddress : torben.andersen@avidex.com
<110> LastName : Andersen
<110> FirstName : Torben
<110> MiddleInitial : B
<110> Suffix : Dr

Individual Applicant

        Street : Avidex Ltd, 57C Milton Park
        City : Abingdon
        State : Oxfordshire
        Country : England
        PostalCode : OX14 4RX
        PhoneNumber : +44 1235 438600
        FaxNumber : +44 1235 438601
        EmailAddress : peter.molloy@avidex.com
<110> LastName : Molloy
<110> FirstName : Peter
<110> MiddleInitial : E
<110> Suffix : Dr

Individual Applicant

        Street : Avidex Ltd, 57C Milton Park
        City : Abingdon
        State : Oxfordshire
        Country : England
        PostalCode : OX14 4RX
        PhoneNumber : +44 1235 438600
        FaxNumber : +44 1235 438601
        EmailAddress : jonathan.boulter@avidex.com
<110> LastName : Boulter

Final TCR Display PCT.WorkFile.txt

```
<110> FirstName : Jonathan
<110> MiddleInitial : M
<110> Suffix : Dr
```

Individual Applicant

```
        Street : Avidex Ltd,  57C Milton Park
        City : Abingdon
        State : Oxfordshire
        Country : England
        PostalCode : OX14 4RX
        PhoneNumber : +44 1235 438600
        FaxNumber : +44 1235 438601
        EmailAddress : yi.li@avidex.com
<110> LastName : Li
<110> FirstName : Yi
<110> MiddleInitial :
<110> Suffix : Dr
```

Application Project

```
<120> Title : Substances
<130> AppFileReference : Case No 19
<140> CurrentAppNumber : GB 0226227.7
<141> CurrentFilingDate : 2002-11-09
```

Earlier Applications

```
<150> PriorAppNumber : GB0226227.7
<151> PriorFilingDate : 2002-11-09
```

Earlier Applications

```
<150> PriorAppNumber : GB 0301814.0
<151> PriorFilingDate : 2003-01-25
```

Earlier Applications

```
<150> PriorAppNumber : GB 0304067.2
<151> PriorFilingDate : 2003-02-22
```

Earlier Applications

```
<150> PriorAppNumber : GB 0311397.4
<151> PriorFilingDate : 2003-05-16
```

Earlier Applications

```
<150> PriorAppNumber : GB 0316356.5
<151> PriorFilingDate : 2003-07-11
```

Earlier Applications

```
<150> PriorAppNumber : US 60/436,323
<151> PriorFilingDate : 2003-04-16
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
DSDVYITDKT VLDMRSMDFK                                                        20
<212> Type : PRT
<211> Length : 20
        SequenceName : SEQ ID 1
        SequenceDescription :
```

Sequence

Final TCR Display PCT.WorkFile.txt
```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :                                    20
QSKDSDVYIT DKTVLDMRSM
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 2
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :                                    20
DIQNPDPAVY QLRDSKSSDK
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 3
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :                                    20
DPAVYQLRDS KSSDKSVCLF
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 4
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :                                    20
NGKEVHSGVS TDPQPLKEQP
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 5
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :                                    20
ALNDSRYALS SRLRVSATFW
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 6
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :                                    20
PPEVAVFEPS EAEISHTQKA
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 7
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :                                    20
KEVHSGVSTD PQPLKEQPAL
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 8
       SequenceDescription :
```

```
                     Final TCR Display PCT.WorkFile.txt
Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
VFPPEVAVFE PSEAEISHTQ                                              20
<212> Type : PRT
<211> Length : 20
      SequenceName : SEQ ID 9
      SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
PYIQNPEPAV YQLKDPRSQD STLCLFTDFD SQINVPKTME SGTFITDKTV LDMKAMDSKS   60

NGAIAWSNQT SFTCQDIFKE TNATYPSSDV P                                 91
<212> Type : PRT
<211> Length : 91
      SequenceName : SEQ ID 10
      SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
EDLRNVTPPK VSLFEPSKAE IANKQKATLV CLARGFFPDH VELSWWVNGR EVHSGVSTDP   60

QAYKESNYSY CLSSRLRVSA TFWHNPRNHF RCQVQFHGLS EEDKWPEGSP KPVTQNISAE   120

AWGRAD                                                            126
<212> Type : PRT
<211> Length : 126
      SequenceName : SEQ ID 11
      SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ESGTFITDKT VLDMKAMDSK                                              20
<212> Type : PRT
<211> Length : 20
      SequenceName : SEQ ID 12
      SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
KTMESGTFIT DKTVLDMKAM                                              20
<212> Type : PRT
<211> Length : 20
      SequenceName : SEQ ID 13
      SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
YIQNPEPAVY QLKDPRSQDS                                              20
<212> Type : PRT
<211> Length : 20
      SequenceName : SEQ ID 14
      SequenceDescription :


Sequence
--------
```

```
                    Final TCR Display PCT.WorkFile.txt
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVYQLKDPRS QDSTLCLFTD                                              20
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 15
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
NGREVHSGVS TDPQAYKESN                                              20
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 16
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
KESNYSYCLS SRLRVSATFW                                              20
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 17
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
PPKVSLFEPS KAEIANKQKA                                              20
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 18
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
REVHSGVSTD PQAYKESNYS                                              20
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 19
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
VTPPKVSLFE PSKAEIANKQ                                              20
<212> Type : PRT
<211> Length : 20
       SequenceName : SEQ ID 20
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
LLFGYPVYV                                                          9
<212> Type : PRT
<211> Length : 9
       SequenceName : SEQ ID 21
       SequenceDescription :
```

Final TCR Display PCT.WorkFile.txt

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
SLLMITQC
<212> Type : PRT
<211> Length : 8   8
      SequenceName : SEQ ID 22
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
LLGRNSFEV
<212> Type : PRT
<211> Length : 9   9
      SequenceName : SEQ ID 23
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
KLVALGINAV
<212> Type : PRT
<211> Length : 10   10
      SequenceName : SEQ ID 24
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
LLGDLFGV
<212> Type : PRT
<211> Length : 8   8
      SequenceName : SEQ ID 25
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
FLRGRAYGL
<212> Type : PRT
<211> Length : 9   9
      SequenceName : SEQ ID 26
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
HRCQAIRKK
<212> Type : PRT
<211> Length : 9   9
      SequenceName : SEQ ID27
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
YRSGIIAVV
<212> Type : PRT
<211> Length : 9   9
      SequenceName : SEQ ID 28

Final TCR Display PCT.WorkFile.txt
            SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
VYGFVRACL   9
<212> Type : PRT
<211> Length : 9
      SequenceName : SEQ ID 29
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ILAKFLHWL   9
<212> Type : PRT
<211> Length : 9
      SequenceName : SEQ ID 30
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
LTLGEFLKL   9
<212> Type : PRT
<211> Length : 9
      SequenceName : SEQ ID 31
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
PKYVKQNTLK LA   12
<212> Type : PRT
<211> Length : 12
      SequenceName : SEQ ID 32
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
· <400> PreSequenceString :
GILGFVFTL   9
<212> Type : PRT
<211> Length : 9
      SequenceName : SEQ ID 33
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
SLYNTVATL   9
<212> Type : PRT
<211> Length : 9
      SequenceName : SEQ ID 34
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cacagacaaa tgtgtgctag acat   24
<212> Type : DNA

Final TCR Display PCT.WorkFile.txt
```
<211> Length : 24
      SequenceName : SEQ ID 35
      SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 35

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atgtctagca cacatttgtc tgtg                                           24
<212> Type : DNA
<211> Length : 24
      SequenceName : SEQ ID 36
      SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 36

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cagtggggtc tgcacagacc c                                              21
<212> Type : DNA
<211> Length : 21
      SequenceName : SEQ ID 37
      SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 37

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gggtctgtgc agaccccact g                                              21
<212> Type : DNA
<211> Length : 21
      SequenceName : SEQ ID 38
      SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 38

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
taataatacg tataataata ttctatttca aggagacagt c                        41
<212> Type : DNA
<211> Length : 41
      SequenceName : SEQ ID 39
      SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 39

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
```

Final TCR Display PCT.WorkFile.txt
caatccagcg gctgccgtag gcaataggta tttcattatg actgtctcct tgaaatag   58

<212> Type : DNA
<211> Length : 58
       SequenceName : SEQ ID 40
       SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 40

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctacggcagc cgctggattg ttattactcg cggcccagcc ggccatggcc cag   53

<212> Type : DNA
<211> Length : 53
       SequenceName : SEQ ID 41
       SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 41

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gttctgctcc acttccttct gggccatggc cggctgggcc g   41
<212> Type : DNA
<211> Length : 41
       SequenceName : SEQ ID 42
       SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 42

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cagaaggaag tggagcagaa c   21
<212> Type : DNA
<211> Length : 21
       SequenceName : SEQ ID 43
       SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 43

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cttcttaaag aattcttaat taacctaggt tattaggaac tttctgggct ggggaag   57

<212> Type : DNA
<211> Length : 57
       SequenceName : SEQ ID 44
       SequenceDescription :

Final TCR Display PCT.WorkFile.txt

Custom Codon

Sequence Name : SEQ ID 44

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gttaattaag aattctttaa gaaggagata tacatatgaa aaaattatta ttcgcaattc   60

<212> Type : DNA
<211> Length : 60
      SequenceName : SEQ ID 45
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 45

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cgcgctgtga gaatagaaag gaacaactaa aggaattgcg aataataatt ttttcatatg   60

<212> Type : DNA
<211> Length : 60
      SequenceName : SEQ ID 46
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 46

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctttctattc tcacagcgcg caggctggtg tcactcagac   40
<212> Type : DNA
<211> Length : 40
      SequenceName : SEQ ID 47
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 47

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atgatgtcta gatgcggccg cgtctgctct accccaggcc tc   42
<212> Type : DNA
<211> Length : 42
      SequenceName : SEQ ID 48
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 48

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

Final TCR Display PCT.WorkFile.txt
gcatctagac atcatcacca tcatcactag actgttgaaa gttgtttagc aaaac   55

<212> Type : DNA
<211> Length : 55
      SequenceName : SEQ ID 49
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 49

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctagagggta ccttattaag actccttatt acgcagtatg   40
<212> Type : DNA
<211> Length : 40
      SequenceName : SEQ ID 50
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 50

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
agctgcagct aatacgactc actataggaa caggccacca tggcgtcgat tatgctgagt   60

gatatccttg tccggtggta ccctag   86
<212> Type : DNA
<211> Length : 86   .
      SequenceName : SEQ ID 51
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 51

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gatcccatgg tggcctgttc ctatagtgag tcgtattagc tgc   43
<212> Type : DNA
<211> Length : 43
      SequenceName : SEQ ID 52
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 52

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
agctgcagct aatacgactc actataggaa caggccacca tgg   43
<212> Type : DNA
<211> Length : 43
      SequenceName : SEQ ID 53
      SequenceDescription :

Custom Codon

Final TCR Display PCT.WorkFile.txt

Sequence Name : SEQ ID 53

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ccaccatggg ccagaaggaa gtggagcaga actc   34
<212> Type : DNA
<211> Length : 34
      SequenceName : SEQ ID 54
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 54

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cgagagcccg tagaactgga cttg   24
<212> Type : DNA
<211> Length : 24
      SequenceName : SEQ ID 55
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 55

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gtggatccgg cggtggcggg tcgaacgctg gtgtcactca gacccc   46
<212> Type : DNA
<211> Length : 46
      SequenceName : SEQ ID 56
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 56

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ccggatccac ctccgcctga accgcctcca ccggtgacca caacctgggt ccctg   55

<212> Type : DNA
<211> Length : 55
      SequenceName : SEQ ID 57
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 57

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctgagaattc ttatgactct ccgcggttga agctc   35
<212> Type : DNA
<211> Length : 35
      SequenceName : SEQ ID 58

Final TCR Display PCT.WorkFile.txt
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 58

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgacgaattc tgactctccg cggttgaagc tc   32
<212> Type : DNA
<211> Length : 32
        SequenceName : SEQ ID 59
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 59

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
agctgcagct aatacgactc actatagg   28
<212> Type : DNA
<211> Length : 28
        SequenceName : SEQ ID 60
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 60

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ggccaccatg ggcaacgctg gtgtcactca gacccc   36
<212> Type : DNA
<211> Length : 36
        SequenceName : SEQ ID 61
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 61

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgaaccgcct ccaccgtctg ctctacccca ggcctcggcg   40
<212> Type : DNA
<211> Length : 40
        SequenceName : SEQ ID 62
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 62

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgactctccg cggttgaagc tc   22
<212> Type : DNA

Final TCR Display PCT.WorkFile.txt
<211> Length : 22
        SequenceName : SEQ ID 63
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 63

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cagctggggg aagcttcagt ttggagcag   29
<212> Type : DNA
<211> Length : 29
        SequenceName : SEQ ID 64
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 64

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctgctccaaa ctgaagcttc ccccagctg   29
<212> Type : DNA
<211> Length : 29
        SequenceName : SEQ ID 65
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 65

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gtacttctgt gcctcgaggc cgggactag   29
<212> Type : DNA
<211> Length : 29
        SequenceName : SEQ ID 66
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 66

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctagtcccgg cctcgaggca cagaagtac   29
<212> Type : DNA
<211> Length : 29
        SequenceName : SEQ ID 67
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 67

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

Final TCR Display PCT.WorkFile.txt

cattttcagg gatagcaagc   20
<212> Type : DNA
<211> Length : 20
      SequenceName : SEQ ID 68
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 68

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tcacacagga aacagctatg tcacacagga aacagctatg   40
<212> Type : DNA
<211> Length : 40
      SequenceName : SEQ ID 69
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 69

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggnnknnknn knnknnknnk cgaccagagc agtacttcg   49
<212> Type : DNA
<211> Length : 49
      SequenceName : SEQ ID 70
      SequenceDescription :

Feature

Sequence: SEQ ID 70:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 49
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 70

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggccgnnknn knnknnknnk nnkccagagc agtacttcgg gc   52

<212> Type : DNA
<211> Length : 52
      SequenceName : SEQ ID 71
      SequenceDescription :

Feature

Sequence: SEQ ID 71:
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No

Final TCR Display PCT.WorkFile.txt

Feature

Sequence: SEQ ID 71:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 52
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 71

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggccgnnknn knnknnknnk nnkcgaccag agcagtactt cg   52

<212> Type : DNA
<211> Length : 52
       SequenceName : SEQ ID 72
       SequenceDescription :

Feature

Sequence: SEQ ID 72:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 52
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 72

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggccgnnknn knnknnknnk nnkggagggc gaccagagca g   51

<212> Type : DNA
<211> Length : 51
       SequenceName : SEQ ID 73
       SequenceDescription :

Feature

Sequence: SEQ ID 73:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 51
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 73

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggccgggann knnknnknnk nnknnkgggc gaccagagca gtac   54

Final TCR Display PCT.WorkFile.txt

```
<212> Type : DNA
<211> Length : 54
      SequenceName : SEQ ID 74
      SequenceDescription :
```

Feature

Sequence: SEQ ID 74:
```
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No
```

Feature

Sequence: SEQ ID 74:
```
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 54
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No
```

Custom Codon

Sequence Name : SEQ ID 74

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggnnknnknn knnknnknnk ccagagcagt acttcgggc              49
<212> Type : DNA
<211> Length : 49
      SequenceName : SEQ ID 75
      SequenceDescription :
```

Feature

Sequence: SEQ ID 75:
```
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No
```

Feature

Sequence: SEQ ID 75:
```
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 49
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No
```

Custom Codon

Sequence Name : SEQ ID 75

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggnnknnknn knnknnknnk gagcagtact cgggccg                48
<212> Type : DNA
<211> Length : 48
```

```
                        Final_TCR Display PCT.WorkFile.txt
            SequenceName : SEQ ID 76
            SequenceDescription :
```

Feature

```
Sequence: SEQ ID 76:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 48
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No
```

Custom Codon

```
Sequence Name : SEQ ID 76
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggnnknnknn knnknnknnk cagtacttcg ggccgggc                        48
<212> Type : DNA
<211> Length : 48
       SequenceName : SEQ ID 77
       SequenceDescription :
```

Feature

```
Sequence: SEQ ID 77:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 48
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No
```

Custom Codon

```
Sequence Name : SEQ ID 77
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggccgnnknn knnknnkggg cgaccagagc agtacttcg                       49
<212> Type : DNA
<211> Length : 49
       SequenceName : SEQ ID 78
       SequenceDescription :
```

Feature

```
Sequence: SEQ ID 78:
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No                                                    .
```

Feature

```
Sequence: SEQ ID 78:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 49
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No
```

Custom Codon

```
                    Final TCR Display PCT.WorkFile.txt
------------
Sequence Name : SEQ ID 78

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
aaactgaagc ttmnnmnnmn nmnnmnntgt aacggcacag aggtag              46
<212> Type : DNA
<211> Length : 46
      SequenceName : SEQ ID 79
      SequenceDescription :

Feature
-------
Sequence: SEQ ID 79:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 46
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No

Custom Codon
------------
Sequence Name : SEQ ID 79

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
aaactgaagc ttmnnmnngc tgtcmnntgt aacggcacag aggtag              46
<212> Type : DNA
<211> Length : 46
      SequenceName : SEQ ID 80
      SequenceDescription :

Feature
-------
Sequence: SEQ ID 80:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 46
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No

Custom Codon
------------
Sequence Name : SEQ ID 80

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
aaactgaagc ttmnnmnnmn ngctgtcmnn tgtaacggca cagaggtag           49
<212> Type : DNA
<211> Length : 49
      SequenceName : SEQ ID 81
      SequenceDescription :

Feature
-------
Sequence: SEQ ID 81:
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
      Other Information : m is a or c; n is a or t or g or c; k is g or t
      CDSJoin : No
```

```
                        Final TCR Display PCT.WorkFile.txt
Feature
-------
Sequence: SEQ ID 81:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 49
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No

Custom Codon
------------
Sequence Name : SEQ ID 81

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
aaactgaagc ttmnnmnngc tgtcmnnaac ggcacagagg tag                            43
<212> Type : DNA
<211> Length : 43
       SequenceName : SEQ ID 82
       SequenceDescription :


Feature
-------
Sequence: SEQ ID 82:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 43
       Other Information : m is a or c; n is a or t or g or c; k is g or t
       CDSJoin : No

Custom Codon
------------
Sequence Name : SEQ ID 82

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccagagcagt ag                             42
<212> Type : DNA
<211> Length : 42
       SequenceName : SEQ ID 83
       SequenceDescription :


Custom Codon
------------
Sequence Name : SEQ ID 83

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PEQY                                                           14
<212> Type : PRT
<211> Length : 14
       SequenceName : SEQ ID 84
       SequenceDescription :


Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cggggctgat gagtgcgtag ccagagcagt ac                            42
<212> Type : DNA
<211> Length : 42
       SequenceName : SEQ ID 85
```

Final TCR Display PCT.WorkFile.txt
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 85

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLMSAX PEQY   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 86
        SequenceDescription :

Feature

Sequence: SEQ ID 86:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cggggctgag gtcggcgtag ccagagcagt ac   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 87
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 87

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLRSAX PEQY   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 88
        SequenceDescription :

Feature

Sequence: SEQ ID 88:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccagaggcgt ag   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 89

Final TCR Display PCT.WorkFile.txt
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 89

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PEAX   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 90
        SequenceDescription :

Feature

Sequence: SEQ ID 90:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Feature

Sequence: SEQ ID 90:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccagaggatt ag   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 91
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 91

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PEDX   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 92
        SequenceDescription :

Feature

Sequence: SEQ ID 92:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon

Final TCR Display PCT.WorkFile.txt

        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccagatcagt ag   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 93
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 93

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PDQX   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 94
        SequenceDescription :

Feature

Sequence: SEQ ID 94:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Feature

Sequence: SEQ ID 94:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggtctgta ggctgggcga ccagagcagt ac   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 95
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 95

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLXAGR PEQY   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 96

Final TCR Display PCT.WorkFile.txt
        SequenceDescription :

Feature

Sequence: SEQ ID 96:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Feature

Sequence: SEQ ID 96:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cggggctggt tccggggcga ccagagcagt ag   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 97
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 97

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLVPGR PEQX   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 98
        SequenceDescription :

Feature

Sequence: SEQ ID 98:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Feature

Sequence: SEQ ID 98:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

Final TCR Display PCT.WorkFile.txt
```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cggggcttgt gtctgcttag ccagagcagt ac                    42
<212> Type : DNA
<211> Length : 42
       SequenceName : SEQ ID 99
       SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 99

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLVSAX PEQY                                                   14
<212> Type : PRT
<211> Length : 14
       SequenceName : SEQ ID 100
       SequenceDescription :
```

Feature

```
Sequence: SEQ ID 100:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
       Other Information : x denotes an amino acid residue encoded by an amber
codon
       CDSJoin : No
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccacatccgt ag                    42
<212> Type : DNA
<211> Length : 42
       SequenceName : SEQ ID 101
       SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 101

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PHPX                                                   14
<212> Type : PRT
<211> Length : 14
       SequenceName : SEQ ID 102
       SequenceDescription :
```

Feature

```
Sequence: SEQ ID 102:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
       Other Information : x denotes an amino acid residue encoded by an amber
codon
       CDSJoin : No
```

Feature

Final TCR Display PCT.WorkFile.txt

Sequence: SEQ ID 102:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccagatgcgt ag   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 103
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 103

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PDAX   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ 104
        SequenceDescription :

Feature

Sequence: SEQ 104:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggtctgat tagtgcttag ccagagcagt ac   42
<212> Type : DNA
<211> Length : 42
        SequenceName : SEQ ID 105
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 105

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLISAX PEQY   14
<212> Type : PRT
<211> Length : 14
        SequenceName : SEQ ID 106
        SequenceDescription :

Feature

Final TCR Display PCT.WorkFile.txt
Sequence: SEQ ID 106:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
        Other Information : x denotes an amino acid residue encoded by an amber
codon
        CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggaagctt cag   33
<212> Type : DNA
<211> Length : 33
        SequenceName : SEQ ID 107
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 107

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGKL Q   11
<212> Type : PRT
<211> Length : 11
        SequenceName : SEQ ID 108
        SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggccgctt cag   33
<212> Type : DNA
<211> Length : 33
        SequenceName : SEQ ID 109
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 109

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGPL Q   .   11
<212> Type : PRT
<211> Length : 11
        SequenceName : SEQ ID 110
        SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggaagatg cag   33
<212> Type : DNA
<211> Length : 33
        SequenceName : SEQ ID 111
        SequenceDescription :

Custom Codon

Final TCR Display PCT.WorkFile.txt
Sequence Name : SEQ ID 111

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGKM Q   11
<212> Type : PRT
<211> Length : 11
      SequenceName : SEQ ID 112
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggaagttg cat   33
<212> Type : DNA
<211> Length : 33
      SequenceName : SEQ ID 113
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 113

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGKL H   11
<212> Type : PRT
<211> Length : 11
      SequenceName : SEQ ID 114
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggtagctt cat   33
<212> Type : DNA
<211> Length : 33
      SequenceName : SEQ ID 115
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 115

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGXL H   11
<212> Type : PRT
<211> Length : 11
      SequenceName : SEQ ID 116
      SequenceDescription :

Feature

Sequence: SEQ ID 116:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
      Other Information : x denotes an amino acid residue encoded by an amber
codon

                              Final TCR Display PCT.WorkFile.txt
          CDSJoin : No

Feature

Sequence: SEQ ID 116:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 11
      Other Information : x denotes an amino acid residue encoded by an amber
codon
          CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg gggggagctt cat   33
<212> Type : DNA
<211> Length : 33
      SequenceName : SEQ ID 117
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 117

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGEL H   11
<212> Type : PRT
<211> Length : 11
      SequenceName : SEQ ID 118
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggaggctg cat   33
<212> Type : DNA
<211> Length : 33
      SequenceName : SEQ ID 119
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 119

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGRL H   11
<212> Type : PRT
<211> Length : 11
      SequenceName : SEQ ID 120
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggcagctt cat   33
<212> Type : DNA
<211> Length : 33
      SequenceName : SEQ ID 121

Final TCR Display PCT.WorkFile.txt
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 121

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGQL H   11
<212> Type : PRT
<211> Length : 11
        SequenceName : SEQ ID 122
        SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggaaggtt cat   33
<212> Type : DNA
<211> Length : 33
        SequenceName : SEQ ID 123
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 123

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGKV H   11
<212> Type : PRT
<211> Length : 11
        SequenceName : SEQ ID 124
        SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccgttacaa ctgacagctg ggggaaggtg aat   33
<212> Type : DNA
<211> Length : 33
        SequenceName : SEQ ID 125
        SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 125

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGKV N   11
<212> Type : PRT
<211> Length : 11
        SequenceName : SEQ ID 126
        SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

```
                    Final TCR Display PCT.WorkFile.txt
gccgttacaa ctgacagctg ggggaagctt ctg                                    33
<212> Type : DNA
<211> Length : 33
     SequenceName : SEQ ID 127
     SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 127

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGKL L                                                            11
<212> Type : PRT
<211> Length : 11
     SequenceName : SEQ ID 128
     SequenceDescription :

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ggaattcatc gatgcagaag gaagtggagc ag                                     32
<212> Type : DNA
<211> Length : 32
     SequenceName : SEQ ID 129
     SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 129

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gtacacggcc gggtcagggt tctggatata c                                      31
<212> Type : DNA
<211> Length : 31
     SequenceName : SEQ ID 130
     SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 130

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tctctcatta atgaatgctg gtgtcactca gacccc                                 36
<212> Type : DNA
<211> Length : 36
     SequenceName : SEQ ID 131
     SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 131

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tagaaaccgg tggccaggca caccagtgtg gc                                     32
<212> Type : DNA
```

Final TCR Display PCT.WorkFile.txt
```
<211> Length : 32
       SequenceName : SEQ ID 132
       SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 132

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctgctctggt tccgcactc                                                      19
<212> Type : DNA
<211> Length : 19
       SequenceName : SEQ ID 133
       SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 133

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gagtgcggaa ccagagcag                                                      19
<212> Type : DNA
<211> Length : 19
       SequenceName : SEQ ID 134
       SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 134

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atatccagaa cccggatcct gccgtgta                                            28
<212> Type : DNA
<211> Length : 28
       SequenceName : SEQ ID 135
       SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 135

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tacacggcag gaatccgggt tctggatat                                           29
<212> Type : DNA
<211> Length : 29
       SequenceName : SEQ ID 136
       SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 136

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
```

Final TCR Display PCT.WorkFile.txt
ggagatatac atatgcagga ggtgacacag   30
<212> Type : DNA
<211> Length : 30
      SequenceName : SEQ ID 137
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 137

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tacacggcag gatccgggtt ctggatatt   29
<212> Type : DNA
<211> Length : 29
      SequenceName : SEQ ID 138
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 138

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ggagatatac atatgggtgt cactcagacc   30
<212> Type : DNA
<211> Length : 30
      SequenceName : SEQ ID 139
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 139

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cccaagctta gtctgctcta ccccaggcct cggc   34
<212> Type : DNA
<211> Length : 34
      SequenceName : SEQ ID 140
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 140

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccggccatg gccaaacagg aggtgacgca gattcct   37
<212> Type : DNA
<211> Length : 37
      SequenceName : SEQ ID 141
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 141

Sequence

Final TCR Display PCT.WorkFile.txt
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cttcttaaag aattcttaat taacctaggt tattaggaac tttctgggct ggggaag   57

<212> Type : DNA
<211> Length : 57
      SequenceName : SEQ ID 142
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 142

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tcacagcgcg caggctggtg tcactcagac cccaaa   36
<212> Type : DNA
<211> Length : 36
      SequenceName : SEQ ID 143
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 143

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cgagagcccg tagaactgga cttg   24
<212> Type : DNA
<211> Length : 24
      SequenceName : SEQ ID 144
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 144

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tctctcatta atgaatgctg gtgtcactca gacccc   36
<212> Type : DNA
<211> Length : 36
      SequenceName : SEQ ID 145
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 145

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tagaaaccgg tggccaggca caccagtgtg g   31
<212> Type : DNA
<211> Length : 31
      SequenceName : SEQ ID 146
      SequenceDescription :

Custom Codon

```
                          Final TCR Display PCT.WorkFile.txt
Sequence Name : SEQ ID 146

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atgcagaagg aagtggagca gaactctgga cccctcagtg ttccagaggg agccattgcc      60

tctctcaact gcacttacag tgaccgaggt tcccagtcct tcttctggta cagacaatat     120

tctgggaaaa gccctgagtt gataatgtcc atatactcca atggtgacaa agaagatgga     180

aggtttacag cacagctcaa taaagccagc cagtatgttt ctctgctcat cagagactcc     240

cagcccagtg attcagccac ctacctctgt gccgttacaa ctgacagctg ggggaaattg     300

cagtttggag cagggaccca ggttgtggtc accccagata tccagaaccc tgaccctgcc     360

gtgtaccagc tgagagactc taaatccagt gacaagtctg tctgcctatt caccgatttt     420

gattctcaaa caaatgtgtc acaaagtaag gattctgatg tgtatatcac agacaaatgt     480

gtgctagaca tgaggtctat ggacttcaag agcaacagtg ctgtggcctg gagcaacaaa     540

tctgactttg catgtgcaaa cgccttcaac aacagcatta ttccagaaga caccttcttc     600

cccagcccag aaagttccta a                                                621
<212> Type : DNA
<211> Length : 621
     SequenceName : SEQ ID 147
     SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 147

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atgaacgctg gtgtcactca gaccccaaaa ttccaggtcc tgaagacagg acagagcatg      60

acactgcagt gtgcccagga tatgaaccat gaatacatgt cctggtatcg acaagcccca     120

ggcatggggc tgaggctgat tcattactca gttggtgctg gtatcactga ccaaggagaa     180

gtccccaatg gctacaatgt ctccagatca accacagagg atttcccgct caggctgctg     240

tcggctgctc cctcccagac atctgtgtac ttctgtgcca gcaggccggg actagcggga     300

gggcgaccag agcagtactt cgggccgggc accaggctca cggtcacaga ggacctgaaa     360

aacgtgttcc cacccgaggt cgctgtgttt gagccatcag aagcagagat ctcccacacc     420

caaaaggcca cactggtgtg cctggccaca ggcttctacc ccgaccacgt ggagctgagc     480

tggtgggtga atgggaagga ggtgcacagt ggggtctgca cagacccgca gcccctcaag     540

gagcagcccg ccctcaatga ctccagatac gctctgagca gccgcctgag ggtctcggcc     600

accttctggc aggaccccg caaccacttc cgctgtcaag tccagttcta cgggctctcg     660

gagaatgacg agtggaccca ggatagggcc aaacccgtca cccagatcgt cagcgccgag     720

gcctggggta gagcagacta a                                                741
<212> Type : DNA
<211> Length : 741
     SequenceName : SEQ ID 148
```

Final TCR Display PCT.WorkFile.txt
         SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 148

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MQKEVEQNSG PLSVPEGAIA SLNCTYSDRG SQSFFWYRQY SGKSPELIMS IYSNGDKEDG   60

RFTAQLNKAS QYVSLLIRDS QPSDSATYLC AVTTDSWGKL QFGAGTQVVV TPDIQNPDPA   120

VYQLRDSKSS DKSVCLFTDF DSQTNVSQSK DSDVYITDKC VLDMRSMDFK SNSAVAWSNK   180

SDFACANAFN NSIIPEDTFF PSPESS   206
<212> Type : PRT
<211> Length : 206
      SequenceName : SEQ ID 149
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE   60

VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLAG GRPEQYFGPG TRLTVTEDLK   120

NVFPPEVAVF EPSEAEISHT QKATLVCLAT GFYPDHVELS WWVNGKEVHS GVCTDPQPLK   180

EQPALNDSRY ALSSRLRVSA TFWQDPRNHF RCQVQFYGLS ENDEWTQDRA KPVTQIVSAE   240

AWGRAD   246
<212> Type : PRT
<211> Length : 246
      SequenceName : SEQ ID 150
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gttaactacg tcaggtggca cttttcgggg aaatgtgcgc ggaacccta tttgtttatt   60

tttctaaata cattcaaata tgtatccgct catgagacaa taaccctgat aaatgcttca   120

ataatattga aaaaggaaga gtatgagtat tcaacatttc cgtgtcgccc ttattccctt   180

ttttgcggca ttttgccttc ctgtttttgc tcacccagaa acgctggtga aagtaaaaga   240

tgctgaagat cagttgggtg cacgagtggg ttacatcgaa ctggatctca acagcggtaa   300

gatccttgag agttttcgcc ccgaagaacg ttctccaatg atgagcactt ttaaagttct   360

gctatgtggc gcggtattat cccgtgttga cgccgggcaa gagcaactcg gtcgccgcat   420

acactattct cagaatgact tggttgagta ctcaccagtc acagaaaagc atcttacgga   480

tggcatgaca gtaagagaat tatgcagtgc tgccataacc atgagtgata acactgcggc   540

caacttactt ctgacaacga tcggaggacc gaaggagcta accgcttttt tgcacaacat   600

gggggatcat gtaactcgcc ttgatcgttg ggaaccggag ctgaatgaag ccataccaaa   660

cgacgagcgt gacaccacga tgcctgtagc aatggcaaca cgttgcgca aactattaac   720

Final TCR Display PCT.WorkFile.txt

```
tggcgaacta cttactctag cttcccggca acaattaata gactggatgg aggcggataa      780
agttgcagga ccacttctgc gctcggccct tccggctggc tggtttattg ctgataaatc      840
tggagccggt gagcgtgggt ctcgcggtat cattgcagca ctggggccag atggtaagcc      900
ctcccgtatc gtagttatct acacgacggg gagtcaggca actatggatg aacgaaatag      960
acagatcgct gagataggtg cctcactgat taagcattgg taactgtcag accaagttta     1020
ctcatatata ctttagattg atttaccccg gttgataatc agaaaagccc caaaaacagg     1080
aagattgtat aagcaaatat ttaaattgta aacgttaata ttttgttaaa attcgcgtta     1140
aattttgtt aaatcagctc attttttaac caataggccg aaatcggcaa aatcccttat      1200
aaatcaaaag aatagcccga datagggttg agtgttgttc cagtttggaa caagagtcca     1260
ctattaaaga acgtggactc caacgtcaaa gggcgaaaaa ccgtctatca gggcgatggc     1320
ccactacgtg aaccatcacc caaatcaagt tttttggggt cgaggtgccg taaagcacta     1380
aatcggaacc ctaaagggag cccccgattt agagcttgac ggggaaagcg aacgtggcga     1440
gaaaggaagg gaagaaagcg aaaggagcgg gcgctagggc gctggcaagt gtagcggtca     1500
cgctgcgcgt aaccaccaca cccgccgcgc ttaatgcgcc gctacagggc gcgtaaaagg     1560
atctaggtga agatccttt tgataatctc atgaccaaaa tcccttaacg tgagttttcg      1620
ttccactgag cgtcagaccc cgtagaaaag atcaaaggat cttcttgaga tcctttttt      1680
ctgcgcgtaa tctgctgctt gcaaacaaaa aaaccaccgc taccagcggt ggtttgtttg     1740
ccggatcaag agctaccaac tctttttccg aaggtaactg gcttcagcag agcgcagata     1800
ccaaatactg ttcttctagt gtagccgtag ttaggccacc acttcaagaa ctctgtagca     1860
ccgcctacat acctcgctct gctaatcctg ttaccagtgg ctgctgccag tggcgataag     1920
tcgtgtctta ccgggttgga ctcaagacga tagttaccgg ataaggcgca gcggtcgggc     1980
tgaacggggg gttcgtgcac acagcccagc ttggagcgaa cgacctacac cgaactgaga     2040
tacctacagc gtgagctatg agaaagcgcc acgcttcccg aagggagaaa ggcggacagg     2100
tatccggtaa gcggcagggt cggaacagga gagcgcacga gggagcttcc aggggggaaac     2160
gcctggtatc tttatagtcc tgtcgggttt cgccacctct gacttgagcg tcgattttttg     2220
tgatgctcgt caggggggcg gagcctatgg aaaaacgcca gcaacgcggc ctttttacgg     2280
ttcctggcct tttgctggcc ttttgctcac atgtaatgtg agttagctca ctcattaggc     2340
accccaggct ttacacttta tgcttccggc tcgtatgttg tgtggaattg tgagcggata     2400
acaatttcac acaggaaaca gctatgacca tgattacgcc aagctacgta taataatatt     2460
ctatttcaag gagacagtca taatgaaata cctattgcct acggcagccg ctggattgtt     2520
attactcgcg gcccagccgg ccatggccca gaaggaagtg gagcagaact ctggacccct     2580
cagtgttcca gagggagcca ttgcctctct caactgcact tacagtgacc gaggttccca     2640
gtccttcttc tggtacagac aatattctgg gaaaagccct gagttgataa tgtccatata     2700
ctccaatggt gacaaagaag atggaaggtt tacagcacag ctcaataaag ccagccagta     2760
```

Final TCR Display PCT.WorkFile.txt

```
tgtttctctg ctcatcagag actcccagcc cagtgattca gccacctacc tctgtgccgt   2820
tacaactgac agctggggga aattgcagtt tggagcaggg acccaggttg tggtcacccc   2880
agatatccag aaccctgacc ctgccgtgta ccagctgaga gactctaaat ccagtgacaa   2940
gtctgtctgc ctattcaccg attttgattc tcaaacaaat gtgtcacaaa gtaaggattc   3000
tgatgtgtat atcacagaca aatgtgtgct agacatgagg tctatggact tcaagagcaa   3060
cagtgctgtg gcctggagca acaaatctga ctttgcatgt gcaaacgcct tcaacaacag   3120
cattattcca gaagacacct tcttccccag cccagaaagt tcctaataac ctaggttaat   3180
taagaattct ttaagaagga gatatacata tgaaaaaatt attattcgca attcctttag   3240
ttgttccttt ctattctcac agcgcgcagg ctggtgtcac tcagacccca aaattccagg   3300
tcctgaagac aggacagagc atgacactgc agtgtgccca ggatatgaac catgaataca   3360
tgtcctggta tcgacaagac ccaggcatgg ggctgaggct gattcattac tcagttggtg   3420
ctggtatcac tgaccaagga gaagtcccca atggctacaa tgtctccaga tcaaccacag   3480
aggatttccc gctcaggctg ctgtcggctg ctccctccca gacatctgtg tacttctgtg   3540
ccagcaggcc gggactagcg ggagggcgac cagagcagta cttcgggccg ggcaccaggc   3600
tcacggtcac agaggacctg aaaaacgtgt cccacccga ggtcgctgtg tttgagccat   3660
cagaagcaga gatctcccac acccaaaagg ccacactggt gtgcctggcc acaggcttct   3720
accccgacca cgtggagctg agctggtggg tgaatgggaa ggaggtgcac agtggggtct   3780
gcacagaccc gcagcccctc aaggagcagc ccgccctcaa tgactccaga tacgctctga   3840
gcagccgcct gagggtctcg gccaccttct ggcaggaccc ccgcaaccac ttccgctgtc   3900
aagtccagtt ctacgggctc tcggagaatg acgagtggac ccaggatagg gccaaacccg   3960
tcacccagat cgtcagcgcc gaggcctggg gtagagcaga cgcggccgca tctagacatc   4020
atcaccatca tcactagact gttgaaagtt gtttagcaaa accccataca gaaaattcat   4080
ttactaacgt ctggaaagac gacaaaactt tagatcgtta cgctaactat gagggttgtc   4140
tgtggaatgc tacaggcgtt gtagtttgta ctggtgacga aactcagtgt tacggtacat   4200
gggttcctat tgggcttgct atccctgaaa atgagggtgg tggctctgag ggtggcggtt   4260
ctgagggtgg cggttctgag ggtggcggta ctaaacctcc tgagtacggt gatacaccta   4320
ttccgggcta tacttatatc aaccctctcg acggcactta tccgcctggt actgagcaaa   4380
accccgctaa tcctaatcct tctcttgagg agtctcagcc tcttaatact ttcatgtttc   4440
agaataatag gttccgaaat aggcaggggg cattaactgt ttatacgggc actgttactc   4500
aaggcactga ccccgttaaa acttattacc agtacactcc tgtatcatca aaagccatgt   4560
atgacgctta ctggaacggt aaattcagag actgcgcttt ccattctggc tttaatgagg   4620
atccattcgt ttgtgaatat caaggccaat cgtctgacct gcctcaacct cctgtcaatg   4680
ctggcggcgg ctctggtggt ggttctggtg cggctctga gggtggtggc tctgagggtg   4740
gcggttctga gggtggcggc tctgagggag cggttccgg tggtggctct ggttccggtg   4800
```

```
                      Final TCR Display PCT.WorkFile.txt
atttttgatta tgaaaagatg gcaaacgcta ataaggggggc tatgaccgaa aatgccgatg       4860

aaaacgcgct acagtctgac gctaaaggca aacttgattc tgtcgctact gattacggtg       4920

ctgctatcga tggtttcatt ggtgacgttt ccggccttgc taatggtaat ggtgctactg       4980

gtgatttttgc tggctctaat tcccaaatgg ctcaagtcgg tgacggtgat aattcacctt       5040

taatgaataa tttccgtcaa tatttacctt ccctccctca atcggttgaa tgtcgccctt       5100

ttgtcttttag cgctggtaaa ccatatgaat tttctattga ttgtgacaaa ataaacttat       5160

tccgtggtgt ctttgcgttt ctttttatatg ttgccaccctt tatgtatgta ttttctacgt       5220

ttgctaacat actgcgtaat aaggagtctt aataaggtac cctctagtca aggcctatag       5280

tgagtcgtat tacggactgg ccgtcgtttt acaacgtcgt gactgggaaa accctggcgt       5340

tacccaactt aatcgccttg cagcacatcc ccctttcgcc agctggcgta atagcgaaga       5400

ggcccgcacc gatcgccctt cccaacagtt gcgcagcctg aatggcgaat ggcgcttcgc       5460

ttggtaataa agcccgcttc ggcgggcttt ttttt                                 5495
<212> Type : DNA
<211> Length : 5495
        SequenceName : SEQ ID 151
        SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 151

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
agctgcagct aatacgactc actataggaa caggccacca tgggccagaa ggaagtggag        60

cagaactctg gaccccctcag tgttccagag ggagccattg cctctctcaa ctgcacttac       120

agtgaccgag gttcccagtc cttcttctgg tacagacaat attctgggaa aagccctgag       180

ttgataatgt ccatatactc caatggtgac aaagaagatg gaaggtttac agcacagctc       240

aataaagcca gccagtatgt ttctctgctc atcagagact cccagcccag tgattcagcc       300

acctacctct gtgccgttac aactgacagc tggggggaaat tgcagtttgg agcagggacc       360

caggttgtgg tcaccggtgg aggcggttca ggcggaggtg gatccggcgg tggcgggtcg       420

aacgctggtg tcactcagac cccaaaattc caggtcctga agacaggaca gagcatgaca       480

ctgcagtgtg cccaggatat gaaccatgaa tacatgtcct ggtatcgaca agacccaggc       540

atggggctga ggctgattca ttactcagtt ggtgctggta tcactgacca aggagaagtc       600

cccaatggct acaatgtctc cagatcaacc acagaggatt tcccgctcag gctgctgtcg       660

gctgctccct cccagacatc tgtgtacttc tgtgccagca ggccgggact agcgggaggg       720

cgaccagagc agtacttcgg gccgggcacc aggctcacgg tcacagagga cctgaaaaac       780

gtgttcccac ccgaggtcgc tgtgtttgag ccatcagaag cagagatctc ccacacccaa       840

aaggccacac tggtgtgcct ggccacaggc ttctaccccg accacgtgga gctgagctgg       900

tgggtgaatg ggaaggaggt gcacagtggg gtcagcacag acccgcagcc cctcaaggag       960
```

```
                         Final TCR Display PCT.WorkFile.txt
cagcccgccc tcaatgactc cagatacgct ctgagcagcc gcctgagggt ctcggccacc         1020

ttctggcagg acccccgcaa ccacttccgc tgtcaagtcc agttctacgg gctctcggag         1080

aatgacgagt ggacccagga tagggccaaa cccgtcaccc agatcgtcag cgccgaggcc         1140

tggggtagag cagacggtgg aggcggttca ctcagcagca ccctgacgct gagcaaagca         1200

gactacgaga aacacaaagt ctacgcctgc gaagtcaccc atcagggcct gagttcgccc         1260

gtcacaaaga gcttcaaccg cggagagtca taagaattct cag                          1303
<212> Type : DNA
<211> Length : 1303
     SequenceName : SEQ ID 152
     SequenceDescription :
```

Custom Codon

Sequence Name : SEQ ID 152

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MGQKEVEQNS GPLSVPEGAI ASLNCTYSDR GSQSFFWYRQ YSGKSPELIM SIYSNGDKED         60

GRFTAQLNKA SQYVSLLIRD SPSDSATYLC AVTTDSWGKL QFGAGTQVVV TGGGGSGGGG         120

SGGGGSNAGV TQTPKFQVLK TGQSMTLQCA QDMNHEYMSW YRQDPGMGLR LIHYSVGAGI         180

TDQGEVPNGY NVSRSTTEDF PLRLLSAAPS QTSVYFCASR PGLAGGRPEQ YFGPGTRLTV         240

TEDLKNVFPP EVAVFEPSEA EISHTQKATL VCLATGFYPD HVELSWWVNG KEVHSGVSTD         300

PQPLKEQPAL NDSRYALSSR LRVSATFWQD PRNHFRCQVQ FYGLSENDEW TQDRAKPVTQ         360

IVSAEAWGRA DGGGGSLSST LTLSKADYEK HKVYACEVTH QGLSSPVTKS FNRGES            416
```

```
<212> Type : PRT
<211> Length : 416
     SequenceName : SEQ ID 153
    ·SequenceDescription :
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctgctttccc ggagcactat gcggataaaa atatccaatt acagtactat tattaccaaa         60

gaatctgcag tccaccgtga aaagcccctt tacacgcgcc ttggggataa acaaataaaa         120

agatttatgt aagtttatac ataggcgagt actctgttat tgggactatt tacgaagtta         180

ttataacttt ttccttctca tactcataag ttgtaaaggc acagcgggaa taagggaaaa         240

aacgccgtaa aacggaagga caaaaacgag tgggtctttg cgaccacttt cattttctac         300

gacttctagt caacccacgt gctcacccaa tgtagcttga cctagagttg tcgccattct         360

aggaactctc aaaagcgggg cttcttgcaa aaggttacta ctcgtgaaaa tttcaagacg         420

atacaccgcg ccataatagg gcataactgc ggcccgttct cgttgagcca gcggcgtatg         480

tgataagagt cttactgaac caactcatga gtggtcagtg tcttttcgta gaatgcctac         540

cgtactgtca ttctcttaat acgtcacgac ggtattggta ctcactattg tgacgccggt         600
```

Final TCR Display PCT.WorkFile.txt

```
tgaatgaaga ctgttgctag cctcctggct tcctcgattg gcgaaaaaac gtgttgtacc    660
ccctagtaca ttgagcggaa ctagcaaccc ttggcctcga cttacttcgg tatggtttgc    720
tgctcgcact gtggtgctac ggacatcgtt accgttgttg caacgcgttt gataattgac    780
cgcttgatga atgagatcga agggccgttg ttaattatct gacctacctc cgcctatttc    840
aacgtcctgg tgaagacgcg agccgggaag gccgaccgac caaataacga ctatttagac    900
ctcggccact cgcacccaga gcgccatagt aacgtcgtga ccccggtcta ccattcggga    960
gggcatagca tcaatagatg tgctgcccct cagtccgttg atacctactt gctttatctg   1020
tctagcgact ctatccacgg agtgactaat tcgtaaccat tgacagtctg gttcaaatga   1080
gtatatatga aatctaacta aattttgaag taaaaattaa attttcctag atccacttct   1140
aggaaaaact attagagtac tggttttagg gaattgcact caaaagcaag gtgactcgca   1200
gtctgggca tcttttctag tttcctagaa gaactctagg aaaaaaagac gcgcattaga   1260
cgacgaacgt ttgttttttt ggtggcgatg gtcgccacca aacaaacggc ctagttctcg   1320
atggttgaga aaaaggcttc cattgaccga agtcgtctcg cgtctatggt ttatgacagg   1380
aagatcacat cggcatcaat ccggtggtga agttcttgag acatcgtggc ggatgtatgg   1440
agcgagacga ttaggacaat ggtcaccgac gacggtcacc gctattcagc acagaatggc   1500
ccaacctgag ttctgctatc aatggcctat tccgcgtcgc cagcccgact tgcccccaa   1560
gcacgtgtgt cgggtcgaac ctcgcttgct ggatgtggct tgactctatg gatgtcgcac   1620
tcgatactct ttcgcggtgc gaagggcttc cctctttccg cctgtccata ggccattcgc   1680
cgtcccagcc ttgtcctctc gcgtgctccc tcgaaggtcc ccctttgcgg accatagaaa   1740
tatcaggaca gcccaaagcg gtggagactg aactcgcagc taaaaacact acgagcagtc   1800
cccccgcctc ggataccttt ttgcggtcgt tgcgccggaa aaatgccaag gaccggaaaa   1860
cgaccggaaa acgagtgtac aagaaaggac gcaatagggg actaagacac ctattggcat   1920
aatggcggaa actcactcga ctatggcgag cggcgtcggc ttgctggctc gcgtcgctca   1980
gtcactcgct ccttcgcctt ctcgcgggtt atgcgtttgg cggagagggg cgcgcaaccg   2040
gctaagtaat tacgtcgacc gtgctgtcca aagggctgac ctttcgcccg tcactcgcgt   2100
tgcgttaatt acactcaatc gagtgagtaa tccgtggggt ccgaaatgtg aaatacgaag   2160
gccgagcata caacacacct taacactcgc ctattgttaa agtgtgtcct ttgtcgatac   2220
tggtactaat gcggttcgac gtcgattatg ctgagtgata tccttgtccg gtggtaccct   2280
aggggcccat ggctcgagct taagtgaccg gcagcaaaat gttgcagcac tgaccctttt   2340
gggaccgcaa tgggttgaat tagcggaacg tcgtgtaggg ggaaagcggt cgaccgcatt   2400
atcgcttctc cgggcgtggc tagcgggaag ggttgtcaac gcgtcggact taccgcttac   2460
cgcggactac gccataaaag aggaatgcgt agacacgcca taaagtgtgg cgtataccac   2520
gtgagagtca tgttagacga gactacggcg tatcaattcg gtcggggctg tgggcggttg   2580
tgggcgactg cgcgggactg cccgaacaga cgagggccgt aggcgaatgt ctgttcgaca   2640
```

Final TCR Display PCT.WorkFile.txt
ctggcagagg ccctcgacgt acacagtctc caaaagtggc agtagtggct ttgcgcgct   2699

<212> Type : DNA
<211> Length : 2699
      SequenceName : SEQ ID 154
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 154

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ccatgggcca gaaggaagtg gagcagaact ctggacccct cagtgttcca gagggagcca   60

ttgcctctct caactgcact tacagtgacc gaggttccca gtccttcttc tggtacagac   120

aatattctgg gaaaagccct gagttgataa tgtccatata ctccaatggt gacaaagaag   180

atggaaggtt tacagcacag ctcaataaag ccagccagta tgtttctctg ctcatcagag   240

actcccagcc cagtgattca gccacctacc tctgtgccgt tacaactgac agctggggga   300

aattgcagtt tggagcaggg acccaggttg tggtcaccgg tggaggcggt tcaggcggag   360

gtggatccgg cggtggcggg tcgaacgctg gtgtcactca gaccccaaaa ttccaggtcc   420

tgaagacagg acagagcatg acactgcagt gtgcccagga tatgaaccat gaatacatgt   480

cctggtatcg acaagaccca ggcatggggc tgaggctgat tcattactca gttggtgctg   540

gtatcactga ccaaggagaa gtccccaatg gctacaatgt ctccagatca accacagagg   600

atttcccgct caggctgctg tcggctgctc cctcccagac atctgtgtac ttctgtgcca   660

gcaggccggg actagcggga gggcgaccag agcagtactt cgggccgggc accaggctca   720

cggtcacaga ggacctgaaa aacgtgttcc cacccgaggt cgctgtgttt gagccatcag   780

aagcagagat ctcccacacc caaaaggcca cactggtgtg cctggccaca ggcttctacc   840

ccgaccacgt ggagctgagc tggtgggtga tgggaagga ggtgcacagt ggggtcagca   900

cagacccgca gccccctcaag gagcagcccg ccctcaatga ctccagatac gctctgagca   960

gccgcctgag ggtctcggcc accttctggc aggaccccccg caaccacttc cgctgtcaag   1020

tccagttcta cgggctctcg gagaatgacg agtggaccca ggatagggcc aaacccgtca   1080

cccagatcgt cagcgccgag gcctggggta gagcagacgg tggaggcggt tcactcagca   1140

gcaccctgac gctgagcaaa gcagactacg agaaacacaa agtctacgcc tgcgaagtca   1200

cccatcaggg cctgagttcg cccgtcacaa agagcttcaa ccgcggagag tcataagaat   1260

tc   1262
<212> Type : DNA
<211> Length : 1262
      SequenceName : SEQ ID 155
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 155

Final TCR Display PCT.WorkFile.txt
Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gctggtgtca ctcagacccc aaaattccag gtcctgaaga caggacagag catgacactg   60

cagtgtgccc aggatatgaa ccatgaatac atgtcctggt atcgacaaga cccaggcatg   120

gggctgaggc tgattcatta ctcagttggt gctggtatca ctgaccaagg agaagtcccc   180

aatggctaca atgtctccag atcaaccaca gaggatttcc cgctcaggct gctgtcggct   240

gctccctccc agacatctgt gtacttctgt gccagcaggc cgggactagc gggagggtga   300

ccagagcagt acttcgggcc gggcaccagg ctcacggtca cagaggacct gaaaaacgtg   360

ttcccacccg aggtcgctgt gtttgagcca tcagaagcag agatctccca cacccaaaag   420

gccacactgg tgtgcctggc cacaggcttc taccccgacc acgtggagct gagctggtgg   480

gtgaatggga aggaggtgca cagtggggtc tgcacagacc cgcagcccct caaggagcag   540

cccgccctca atgactccag atacgctctg agcagccgcc tgagggtctc ggccaccttc   600

tggcaggacc cccgcaacca cttccgctgt caagtccagt tctacgggct ctcggagaat   660

gacgagtgga cccaggatag ggccaaaccc gtcacccaga tcgtcagcgc cgaggcctgg   720

ggtagagcag ac   732
<212> Type : DNA
<211> Length : 732
       SequenceName : SEQ ID 156
       SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 156

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AGVTQTPKFQ VLKTGQSMTL QCAQDMNHEY MSWYRQDPGM GLRLIHYSVG AGITDQGEVP   60

NGYNVSRSTT EDFPLRLLSA APSQTSVYFC ASRPGLAGGX PEQYFGPGTR LTVTEDLKNV   120

FPPEVAVFEP SEAEISHTQK ATLVCLATGF YPDHVELSWW VNGKEVHSGV CTDPQPLKEQ   180

PALNDSRYAL SSRLRVSATF WQDPRNHFRC QVQFYGLSEN DEWTQDRAKP VTQIVSAEAW   240

GRAD   244
<212> Type : PRT
<211> Length : 244
       SequenceName : SEQ ID 157
       SequenceDescription :

Feature

Sequence: SEQ ID 157:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 244
       Other Information : X denotes an amino acid residue encoded by an opal
codon, this is normally translated as a tryptophan
       CDSJoin : No

Sequence

Final TCR Display PCT.WorkFile.txt
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

gctggtgtca	ctcagacccc	aaaattccag	gtcctgaaga	caggacagag	catgacactg	60
tagtgtgccc	aggatatgaa	ccatgaatac	atgtcctggt	atcgacaaga	cccaggcatg	120
gggctgaggc	tgattcatta	ctcagttggt	gctggtatca	ctgaccaagg	agaagtcccc	180
aatggctaca	atgtctccag	atcaaccaca	gaggatttcc	cgctcaggct	gctgtcggct	240
gctccctccc	agacatctgt	gtacttctgt	gccagcaggc	cgggactagc	gggagggcga	300
ccagagcagt	acttcgggcc	gggcaccagg	ctcacggtca	cagaggacct	gaaaaacgtg	360
ttcccacccg	aggtcgctgt	gtttgagcca	tcagaagcag	agatctccca	cacccaaaag	420
gccacactgg	tgtgcctggc	cacaggcttc	taccccgacc	acgtggagct	gagctggtgg	480
gtgaatggga	aggaggtgca	cagtggggtc	tgcacagacc	cgcagcccct	caaggagcag	540
cccgccctca	atgactccag	atacgctctg	agcagccgcc	tgagggtctc	ggccaccttc	600
tggcaggacc	cccgcaacca	cttccgctgt	caagtccagt	tctacgggct	ctcggagaat	660
gacgagtgga	cccaggatag	ggccaaaccc	gtcacccaga	tcgtcagcgc	cgaggcctgg	720
ggtagagcag	ac					732

<212> Type : DNA
<211> Length : 732
       SequenceName : SEQ ID 158
       SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 158

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

gctggtgtca	ctcagacccc	aaaattccag	gtcctgaaga	caggacagag	catgacactg	60
cagtgtgccc	aggatatgaa	ccatgaatac	atgtcctggt	atcgacaaga	cccaggcatg	120
gggctgaggc	tgattcatta	ctcagttggt	gctggtatca	ctgaccaagg	agaagtcccc	180
aatggctaca	atgtctccag	atcaaccaca	gaggatttcc	cgctcaggct	gctgtcggct	240
gctccctccc	agacatctgt	gtacttctgt	gcctcgaggc	cggggctgat	gagtgcggaa	300
ccagagcagt	acttcgggcc	gggcaccagg	ctcacggtca	cagaggacct	gaaaaacgtg	360
ttcccacccg	aggtcgctgt	gtttgagcca	tcagaagcag	agatctccca	cacccaaaag	420
gccacactgg	tgtgcctggc	caccggtttc	taccccgacc	acgtggagct	gagctggtgg	480
gtgaatggga	aggaggtgca	cagtggggtc	tgcacagacc	cgcagcccct	caaggagcag	540
cccgccctca	atgactccag	atacgctctg	agcagccgcc	tgagggtctc	ggccaccttc	600
tggcaggacc	cccgcaacca	cttccgctgt	caagtccagt	tctacgggct	ctcggagaat	660
gacgagtgga	cccaggatag	ggccaaaccc	gtcacccaga	tcgtcagcgc	cgaggcctgg	720
ggtagagcag	actaagcttg	aattc				745

<212> Type : DNA
<211> Length : 745
       SequenceName : SEQ ID 159

Final TCR Display PCT.WorkFile.txt
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 159

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

MNAGVTQTPK	FQVLKTGQSM	TLQCAQDMNH	EYMSWYRQDP	GMGLRLIHYS	VGAGITDQGE	60
VPNGYNVSRS	TTEDFPLRLL	SAAPSQTSVY	FCASRPGLMS	AEPEQYFGPG	TRLTVTEDLK	120
NVFPPEVAVF	EPSEAEISHT	QKATLVCLAT	GFYPDHVELS	WWVNGKEVHS	GVCTDPQPLK	180
EQPALNDSRY	ALSSRLRVSA	TFWQDPRNHF	RCQVQFYGLS	ENDEWTQDRA	KPVTQIVSAE	240
AWGRAD						246

<212> Type : PRT
<211> Length : 246
     SequenceName : SEQ ID 160
     SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

AGVTQTPKFQ	VLKTGQSMTL	QCAQDMNHEY	MSWYRQDPGM	GLRLIHYSVG	AGITDQGEVP	60
NGYNVSRSTT	EDFPLRLLSA	APSQTSVYFC	ASRPGLMSAQ	PEQYFGPGTR	LTVTEDLKNV	120
FPPEVAVFEP	SEAEISHTQK	ATLVCLATGF	YPDHVELSWW	VNGKEVHSGV	CTDPQPLKEQ	180
PALNDSRYAL	SSRLRVSATF	WQDPRNHFRC	QVQFYGLSEN	DEWTQDRAKP	VTQIVSAEAW	240
GRAD						244

<212> Type : PRT
<211> Length : 244
     SequenceName : SEQ ID 161
     SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

atgcaggagg	tgacacagat	tcctgcagct	ctgagtgtcc	cagaaggaga	aaacttggtt	60
ctcaactgca	gtttcactga	tagcgctatt	tacaacctcc	agtggtttag	gcaggaccct	120
gggaaaggtc	tcacatctct	gttgcttatt	cagtcaagtc	agagagagca	aacaagtgga	180
agacttaatg	cctcgctgga	taaatcatca	ggacgtagta	ctttatacat	tgcagcttct	240
cagcctggtg	actcagccac	ctacctctgt	gctgtgaggc	ccacatcagg	aggaagctac	300
atacctacat	ttggaagagg	aaccagcctt	attgttcatc	cgtatatcca	gaaccctgac	360
cctgccgtgt	accagctgag	agactctaaa	tccagtgaca	gtctgtctg	cctattcacc	420
gattttgatt	ctcaaacaaa	tgtgtcacaa	agtaaggatt	ctgatgtgta	tatcacagac	480
aaatgtgtgc	tagacatgag	gtctatggac	ttcaagagca	acagtgctgt	ggcctggagc	540
aacaaatctg	actttgcatg	tgcaaacgcc	ttcaacaaca	gcattattcc	agaagacacc	600
ttcttcccca	gcccagaaag	ttcctaa				627

<212> Type : DNA

Final TCR Display PCT.WorkFile.txt
```
<211> Length : 627
      SequenceName : SEQ ID 162
      SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 162

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atgggtgtca ctcagacccc aaaattccag gtcctgaaga caggacagag catgacactg      60

cagtgtgccc aggatatgaa ccatgaatac atgtcctggt atcgacaaga cccaggcatg     120

gggctgaggc tgattcatta ctcagttggt gctggtatca ctgaccaagg agaagtcccc     180

aatggctaca atgtctccag atcaaccaca gaggatttcc cgctcaggct gctgtcggct     240

gctccctccc agacatctgt gtacttctgt gccagcagtt acgtcgggaa caccgggagg     300

ctgtttttg gagaaggctc taggctgacc gtactggagg acctgaaaaa cgtgttccca     360

cccgaggtcg ctgtgtttga gccatcagaa gcagagatct cccacaccca aaaggccaca     420

ctggtgtgcc tggccacagg cttctacccc gaccacgtgg agctgagctg gtgggtgaat     480

gggaaggagg tgcacagtgg ggtctgcaca gacccgcagc ccctcaagga gcagcccgcc     540

ctcaatgact ccagatacgc tctgagcagc cgcctgaggg tctcggccac cttctggcag     600

gacccccgca accacttccg ctgtcaagtc cagttctacg ggctctcgga gaatgacgag     660

tggacccagg atagggccaa acccgtcacc cagatcgtca gcgccgaggc ctggggtaga     720

gcagactaa                                                              729
<212> Type : DNA
<211> Length : 729
      SequenceName : SEQ ID 163
      SequenceDescription :

Custom Codon
------------
Sequence Name : SEQ ID 163

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MQEVTQIPAA LSVPEGENLV LNCSFTDSAI YNLQWFRQDP GKGLTSLLLI QSSQREQTSG      60

RLNASLDKSS GRSTLYIAAS QPGDSATYLC AVRPTSGGSY IPTFGRGTSL IVHPYIQNPD     120

PAVYQLRDSK SSDKSVCLFT DFDSQTNVSQ SKDSDVYITD KCVLDMRSMD FKSNSAVAWS     180

NKSDFACANA FNNSIIPEDT FFPSPESS                                         208
<212> Type : PRT
<211> Length : 208
      SequenceName : SEQ ID 164
      SequenceDescription :

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MGVTQTPKFQ VLKTGQSMTL QCAQDMNHEY MSWYRQDPGM GLRLIHYSVG AGITDQGEVP      60
```

Final TCR Display PCT.WorkFile.txt

```
NGYNVSRSTT EDFPLRLLSA APSQTSVYFC ASSYVGNTGE LFFGEGSRLT VLEDLKNVFP        120

PEVAVFEPSE AEISHTQKAT LVCLATGFYP DHVELSWWVN GKEVHSGVCT DPQPLKEQPA        180

LNDSRYALSS RLRVSATFWQ DPRNHFRCQV QFYGLSENDE WTQDRAKPVT QIVSAEAWGR        240

AD                                                                      242
```

```
<212> Type : PRT
<211> Length : 242
        SequenceName : SEQ ID 165
        SequenceDescription :

Sequence
--------
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ttcctggcct tttgctggcc ttttgctcac atgtaatgtg agttagctca aaggaccgga         60

aaacgaccgg aaaacgagtg tacattacac tcaatcgagt ctcattaggc accccaggct        120

ttacacttta tgcttccggc tcgtatgttg gagtaatccg tggggtccga aatgtgaaat        180

acgaaggccg agcatacaac tgtggaattg tgagcggata acaatttcac acaggaaaca        240

gctatgacca acaccttaac actcgcctat tgttaaagtg tgtcctttgt cgatactggt        300

tgattacgcc aagctacgta cttaagtatt ctatttcaag gagacagtca actaatgcgg        360

ttcgatgcat gaattcataa gataaagttc ctctgtcagt taatgaaata cctattgcct        420

acggcagccg ctggattgtt attactcgcg attactttat ggataacgga tgccgtcggc        480

gacctaacaa taatgagcgc gcccagccgg ccatggccaa acaggaggtg acgcagattc        540

ctgcagctct cgggtcggcc ggtaccggtt tgtcctccac tgcgtctaag gacgtcgaga        600

gagtgtccca gaaggagaaa acttggttct caactgcagt ttcactgata ctcacagggt    ˋ   660

cttcctcttt tgaaccaaga gttgacgtca aagtgactat gcgctattta caacctccag        720

tggtttaggc aggaccctgg gaaaggtctc cgcgataaat gttggaggtc accaaatccg        780

tcctgggacc ctttccagag acatctctgt tgcttattca gtcaagtcag agagagcaaa        840

caagtggaag tgtagagaca acgaataagt cagttcagtc tctctcgttt gttcaccttc        900

acttaatgcc tcgctggata aatcatcagg acgtagtact ttatacattg tgaattacgg        960

agcgacctat ttagtagtcc tgcatcatga aatatgtaac cagcttctca gcctggtgac       1020

tcagccacct acctctgtgc tgtgaggccc gtcgaagagt cggaccactg agtcggtgga       1080

tggagacacg acactccggg acatcaggag gaagctacat acctacattt ggaagaggaa       1140

ccagccttat tgtagtcctc cttcgatgta tggatgtaaa ccttctcctt ggtcggaata       1200

tgttcatccg tatatccaga acccggatcc tgccgtgtac cagctgagag acaagtaggc       1260

atataggtct tgggcctagg acggcacatg gtcgactctc actctaaatc cagtgacaag       1320

tctgtctgcc tattcaccga ttttgattct tgagatttag gtcactgttc agacagacgg       1380

ataagtggct aaaactaaga caaacaaatg tgtcacaaag taaggattct gatgtgtata       1440

tcacagacaa gtttgtttac acagtgtttc attcctaaga ctacacatat agtgtctgtt       1500

atgtgtgcta gacatgaggt ctatggactt caagagcaac agtgctgtgg tacacacgat       1560
```

Final TCR Display PCT.WorkFile.txt

```
ctgtactcca gataacctgaa gttctcgttg tcacgacacc cctggagcaa caaatctgac     1620

tttgcatgtg caaacgcctt caacaacagc ggacctcgtt gtttagactg aaacgtacac     1680

gtttgcggaa gttgttgtcg attattccag aagacacctt cttccccagc ccagaaagtt     1740

cctaataacc taataaggtc ttctgtggaa gaaggggtcg ggtctttcaa ggattattgg     1800

taggttaatt aagaattctt taagaagggg atatacatat gaaaaaatta atccaattaa     1860

ttcttaagaa attcttcccc tatatgtata ctttttaat ttattcgcaa ttcctttagt     1920

tgttcctttc tattctcaca gcgcgcaggc aataagcgtt aaggaaatca acaaggaaag     1980

ataagagtgt cgcgcgtccg tggtgtcact cagaccccaa aattccaggt cctgaagaca     2040

ggacagagca accacagtga gtctggggtt ttaaggtcca ggacttctgt cctgtctcgt     2100

tgacactgca gtgtgcccag gatatgaacc atgaatacat gtcctggtat actgtgacgt     2160

cacacgggtc ctatacttgg tacttatgta caggaccata cgacaagacc caggcatggg     2220

gctgaggctg attcattact cagttggtgc gctgttctgg gtccgtaccc cgactccgac     2280

taagtaatga gtcaaccacg tggtatcact gaccaaggag aagtccccaa tggctacaat     2340

gtctccagat accatagtga ctggttcctc ttcaggggtt accgatgtta cagaggtcta     2400

caaccacaga ggatttcccg ctcaggctgc tgtcggctgc tccctcccag gttggtgtct     2460

cctaaagggc gagtccgacg acagccgacg agggagggtc acatctgtgt acttctgtgc     2520

cagcagttac gtcgggaaca ccggggagct tgtagacaca tgaagacacg gtcgtcaatg     2580

cagcccttgt ggcccctcga gttttttgga gaaggctcta ggctgaccgt actggaggac     2640

ctgaaaaacg caaaaaacct cttccgagat ccgactggca tgacctcctg gactttttgc     2700

tgttcccacc cgaggtcgct gtgtttgagc catcagaagc agagatctcc acagggtgg     2760

gctccagcga cacaaactcg gtagtcttcg tctctagagg cacacccaaa aggccacact     2820

ggtgtgcctg ccacaggct tctaccccga gtgtgggttt tccggtgtga ccacacggac     2880

cggtgtccga agatggggct ccacgtggag ctgagctggt gggtgaatgg gaaggaggtg     2940

cacagtgggg ggtgcacctc gactcgacca cccacttacc cttcctccac gtgtcacccc     3000

tctgcacaga cccgcagccc ctcaaggagc agcccgccct caatgactcc agacgtgtct     3060

gggcgtcggg gagttcctcg tcgggcggga gttactgagg agatacgctc tgagcagccg     3120

cctgagggtc tcggccacct tctggcagga tctatgcgag actcgtcggc ggactcccag     3180

agccggtgga agaccgtcct cccccgcaac cacttccgct gtcaagtcca gttctacggg     3240

ctctcggaga gggggcgttg gtgaaggcga cagttcaggt caagatgccc gagagcctct     3300

atgacgagtg gacccaggat agggccaaac ccgtcaccca gatcgtcagc tactgctcac     3360

ctgggtccta tcccggtttg ggcagtgggt ctagcagtcg gccgaggcct ggggtagagc     3420

agacgcggcc gcacggctcc ggaccccatc tcgtctgcgc cggcgt                     3466
```

<212> Type : DNA
<211> Length : 3466
    SequenceName : SEQ ID 166
    SequenceDescription :

Final TCR Display PCT.WorkFile.txt
Custom Codon

Sequence Name : SEQ ID 166

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

KYLLPTAAAG	LLLLAAQPAM	AKQEVTQIPA	ALSVPEGENL	VLNCSFTDSA	IYNLQWFRQD	60
PGKGLTSLLL	IQSSQREQTS	GRLNASLDKS	SGRSTLYIAA	SQPGDSATYL	CAVRPTSGGS	120
YIPTFGRGTS	LIVHPYIQNP	DPAVYQLRDS	KSSDKSVCLF	TDFDSQTNVS	QSKDSDVYIT	180
DKCVLDMRSM	DFKSNSAVAW	SNKSDFACAN	AFNNSIIPED	TFFPSPESSM	KKLLFAIPLV	240
VPFYSHSAQA	GVTQTPKFQV	LKTGQSMTLQ	CAQDMNHEYM	SWYRQDPGMG	LRLIHYSVGA	300
GITDQGEVPN	GYNVSRSTTE	DFPLRLLSAA	PSQTSVYFCA	SSYVGNTGEL	FFGEGSRLTV	360
LEDLKNVFPP	EVAVFEPSEA	EISHTQKATL	VCLATGFYPD	HVELSWWVNG	KEVHSGVCTD	420
PQPLKEQPAL	NDSRYALSSR	LRVSATFWQD	PRNHFRCQVQ	FYGLSENDEW	TQDRAKPVTQ	480

IVSAEAWGRA DAAA   494
<212> Type : PRT
<211> Length : 494
      SequenceName : SEQ ID 167
      SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

ggatccatgg	ccataagtgg	agtccctgtg	ctaggatttt	tcatcatagc	tgtgctgatg	60
agcgctcagg	aatcatgggc	tatcaaagaa	gaacatgtga	tcatccaggc	cgagttctat	120
ctgaatcctg	accaatcagg	cgagtttatg	tttgactttg	atggtgatga	gattttccat	180
gtggatatgg	caaagaagga	gacggtctgg	cggcttgaag	aatttggacg	atttgccagc	240
tttgaggctc	aaggtgcatt	ggccaacata	gctgtggaca	aagccaacct	ggaaatcatg	300
acaaagcgct	ccaactatac	tccgatcacc	aatgtacctc	cagaggtaac	tgtgctcacg	360
aacagccctg	tggaactgag	agagcccaac	gtcctcatct	gtttcatcga	caagttcacc	420
ccaccagtgg	tcaatgtcac	gtggcttcga	aatggaaaac	ctgtcaccac	aggagtgtca	480
gagacagtct	tcctgcccag	ggaagaccac	cttttccgca	agttccacta	tctcccccttc	540
ctgccctcaa	ctgaggacgt	ttacgactgc	agggtggagc	actggggctt	ggatgagcct	600
cttctcaagc	actgggagtt	tgatgctcca	agccctctcc	cagagactac	agagaacgtg	660
gatgggggtc	tgactgatac	actccaagcg	gagacagatc	aacttgaaga	caagaagtct	720
gcgttgcaga	ccgagattgc	caatctactg	aaagagaagg	aaaaactaga	gttcatcctg	780
gcagcttacg	gatctggtgg	tggtctgaac	gatatttttg	aagctcagaa	aatcgaatgg	840

catgagtagg atcc   854
<212> Type : DNA
<211> Length : 854
      SequenceName : SEQ ID 168
      SequenceDescription :

Final TCR Display PCT.WorkFile.txt

Custom Codon

Sequence Name : SEQ ID 168

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

```
aattctactc gtaaagcgag ttgaaggatc atatttagtt gcgtttatga gataagattg      60

aaagcacgtg taaaatgttt cccgcgcgtt ggcacaacta tttacaatgc ggccaagtta     120

taaaagattc taatctgata tgttttaaaa cacctttgcg gcccgagttg tttgcgtacg     180

tgactagcga agaagatgtg tggaccgcag aacagatagt aaaacaaaac cctagtattg     240

gagcaataat cgatttaacc aacacgtcta aatattatga tggtgtgcat tttttgcggg     300

cgggcctgtt atacaaaaaa attcaagtac ctggccagac tttgccgcct gaaagcatag     360

ttcaagaatt tattgacacg gtaaaagaat ttacagaaaa gtgtcccggc atgttggtgg     420

gcgtgcactg cacacacggt attaatcgca ccggttacat ggtgtgcaga tatttaatgc     480

acaccctggg tattgcgccg caggaagcca tagatagatt cgaaaaagcc agaggtcaca     540

aaattgaaag acaaaattac gttcaagatt tattaattta attaatatta tttgcattct     600

ttaacaaata ctttatccta ttttcaaatt gttgcgcttc ttccagcgaa ccaaaactat     660

gcttcgcttg ctccgtttag cttgtagccg atcagtggcg ttgttccaat cgacggtagg     720

attaggccgg atattctcca ccacaatgtt ggcaacgttg atgttacgtt tatgcttttg     780

gttttccacg tacgtctttt ggccggtaat agccgtaaac gtagtgccgt cgcgcgtcac     840

gcacaacacc ggatgtttgc gcttgtccgc ggggtattga accgcgcgat ccgacaaatc     900

caccactttg gcaactaaat cggtgacctg cgcgtctttt ttctgcatta tttcgtcttt     960

cttttgcatg gtttcctgga agccggtgta catgcggttt agatcagtca tgacgcgcgt    1020

gacctgcaaa tctttggcct cgatctgctt gtccttgatg gcaacgatgc gttcaataaa    1080

ctcttgtttt ttaacaagtt cctcggtttt ttgcgccacc accgcttgca gcgcgtttgt    1140

gtgctcggtg aatgtcgcaa tcagcttagt caccaactgt ttgctctcct cctcccgttg    1200

tttgatcgcg ggatcgtact tgccggtgca gagcacttga ggaattactt cttctaaaag    1260

ccattcttgt aattctatgg cgtaaggcaa tttggacttc ataatcagct gaatcacgcc    1320

ggatttagta atgagcactg tatgcggctg caaatacagc gggtcgcccc ttttcacgac    1380

gctgttagag gtagggcccc cattttggat ggtctgctca ataacgatt tgtatttatt    1440

gtctacatga acacgtatag ctttatcaca aactgtatat tttaaactgt tagcgacgtc    1500

cttggccacg aaccggacct gttggtcgcg ctctagcacg taccgcaggt tgaacgtatc    1560

ttctccaaat ttaaattctc caattttaac gcgagccatt ttgatacacg tgtgtcgatt    1620

ttgcaacaac tattgttttt taacgcaaac taaacttatt gtggtaagca ataattaaat    1680

atgggggaac atgcgccgct acaacactcg tcgttatgaa cgcagacggc gccggtctcg    1740

gcgcaagcgg ctaaaacgtg ttgcgcgttc aacgcggcaa acatcgcaaa agccaatagt    1800
```

Final TCR Display PCT.WorkFile.txt

```
acagttttga tttgcatatt aacggcgatt ttttaaatta tcttatttaa taaatagtta   1860

tgacgcctac aactccccgc ccgcgttgac tcgctgcacc tcgagcagtt cgttgacgcc   1920

ttcctccgtg tggccgaaca cgtcgagcgg gtggtcgatg accagcggcg tgccgcacgc   1980

gacgcacaag tatctgtaca ccgaatgatc gtcgggcgaa ggcacgtcgg cctccaagtg   2040

gcaatattgg caaattcgaa aatatataca gttgggttgt ttgcgcatat ctatcgtggc   2100

gttgggcatg tacgtccgaa cgttgatttg catgcaagcc gaaattaaat cattgcgatt   2160

agtgcgatta aaacgttgta catcctcgct tttaatcatg ccgtcgatta aatcgcgcaa   2220

tcgagtcaag tgatcaaagt gtggaataat gttttctttg tattcccgag tcaagcgcag   2280

cgcgtatttt aacaaactag ccatcttgta agttagtttc atttaatgca actttatcca   2340

ataatatatt atgtatcgca cgtcaagaat taacaatgcg cccgttgtcg catctcaaca   2400

cgactatgat agagatcaaa taaagcgcga attaaatagc ttgcgacgca acgtgcacga   2460

tctgtgcacg cgttccggca cgagctttga ttgtaataag tttttacgaa gcgatgacat   2520

gacccccgta gtgacaacga tcacgcccaa aagaactgcc gactacaaaa ttaccgagta   2580

tgtcggtgac gttaaaacta ttaagccatc caatcgaccg ttagtcgaat caggaccgct   2640

ggtgcgagaa gccgcgaagt atggcgaatg catcgtataa cgtgtggagt ccgctcatta   2700

gagcgtcatg tttagacaag aaagctacat atttaattga tcccgatgat tttattgata   2760

aattgaccct aactccatac acggtattct acaatggcgg ggttttggtc aaaatttccg   2820

gactgcgatt gtacatgctg ttaacggctc cgcccactat taatgaaatt aaaaattcca   2880

attttaaaaa acgcagcaag agaaacattt gtatgaaaga atgcgtagaa ggaaagaaaa   2940

atgtcgtcga catgctgaac aacaagatta atatgcctcc gtgtataaaa aaaatattga   3000

acgatttgaa agaaaacaat gtaccgcgcg gcggtatgta caggaagagg tttatactaa   3060

actgttacat tgcaaacgtg gtttcgtgtg ccaagtgtga aaaccgatgt ttaatcaagg   3120

ctctgacgca tttctacaac cacgactcca agtgtgtggg tgaagtcatg catcttttaa   3180

tcaaatccca agatgtgtat aaaccaccaa actgccaaaa aatgaaaact gtcgacaagc   3240

tctgtccgtt tgctggcaac tgcaagggtc tcaatcctat ttgtaattat tgaataataa   3300

aacaattata aatgctaaat ttgttttttta ttaacgatac aaaccaaacg caacaagaac   3360

atttgtagta ttatctataa ttgaaaacgc gtagttataa tcgctgaggt aatatttaaa   3420

atcattttca aatgattcac agttaatttg cgacaatata attttatttt cacataaact   3480

agacgccttg tcgtcttctt cttcgtattc cttctctttt tcatttttct cctcataaaa   3540

attaacatag ttattatcgt atccatatat gtatctatcg tatagagtaa attttttgtt   3600

gtcataaata tatatgtctt ttttaatggg gtgtatagta ccgctgcgca tagttttttct   3660

gtaatttaca acagtgctat tttctggtag ttcttcggag tgtgttgctt taattattaa   3720

atttatataa tcaatgaatt tgggatcgtc ggttttgtac aatatgttgc cggcatagta   3780

cgcagcttct tctagttcaa ttacaccatt ttttagcagc accggattaa cataactttc   3840
```

Final TCR Display PCT.WorkFile.txt

```
caaaatgttg tacgaaccgt taaacaaaaa cagttcacct cccttttcta tactattgtc   · 3900

tgcgagcagt tgtttgttgt taaaaataac agccattgta atgagacgca caaactaata     3960

tcacaaactg gaaatgtcta tcaatatata gttgctgatg atccagcatg ataagataca     4020

ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt atttgtgaaa     4080

tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacaa gttccgagtt     4140

tgtcagaaag cagaccaaac agcggttgga ataatagcga gaacagagaa atagcggcaa     4200

aaataatacc cgtatcactt ttgctgatat ggttgatgtc atgtagccaa atcgggaaaa     4260

acgggaagta ggctcccatg ataaaaaagt aaaagaaaaa gaataaaccg aacatccaaa     4320

agtttgtgtt ttttaaatag tacataatgg atttccttac gcgaaatacg ggcagacatg     4380

gcctgcccgg ttattattat ttttgacacc agaccaactg gtaatggtag cgaccggcgc     4440

tcagctggaa ttcagatctg tgattgtaaa taaaatgtaa tttacagtat agtattttaa     4500

ttaatataca aatgatttga taataattct tatttaacta taatatattg tgttgggttg     4560

aattaaaggt cccggcatcc tcaaatgcat aatttcatag tcccccttgt tgtaagtgat     4620

gcgtatttct gaatctttgt aaaatagcac acaagactcc aacgcgtttg gcgttttatt     4680

ttcttgctcg actctagttt attaggcctc tagagatccg tatttatagg ttttttтatt     4740

acaaaactgt tacgaaaaca gtaaaatact tatttatttg cgagatggtt atcattttaa     4800

ttatctccat gatccaataa acctagaata aagggcccga cctttaattc aacccaacac     4860

aatatattat agttaaataa gaattattat caaatcattt gtatattaat taaaatacta     4920

tactgtaaat tacattttat ttacaatcac agatcccggg gatccggtta ttagtacatt     4980

tattaagcgc tagattctgt gcgttgttga tttacagaca attgttgtac gtattttaat     5040

aattcattaa atttataatc tttagggtgg tatgttagag cgaaaatcaa atgattttca     5100

gcgtctttat atctgaattt aaatattaaa tcctcaatag atttgtaaaa taggtttcga     5160

ttagtttcaa acaagggttg ttttttccgaa ccgatggctg gactatctaa tggattttcg     5220

ctcaacgcca caaaacttgc caaatcttgt agcagcaatc tagctttgtc gatattcgtt     5280

tgtgttttgt tttgtaataa aggttcgacg tcgttcaaaa tattatgcgc ttttgtattt     5340

ctttcatcac tgtcgttagt gtacaattga ctcgacgtaa acacgttaaa taaagcttgg     5400

acatatttaa catcgggcgt gttagcttta ttaggccgat tatcgtcgtc gtcccaaccc     5460

tcgtcgttag aagttgcttc cgaagacgat tttgccatag ccacacgacg cctattaatt     5520

gtgtcggcta acacgtccgc gatcaaattt gtagttgagc tttttggaat tatttctgat     5580

tgcgggcgtt tttgggcggg tttcaatcta actgtgcccg attttaattc agacaacacg ·    5640

ttagaaagcg atggtgcagg cggtggtaac atttcagacg gcaaatctac taatggcggc     5700

ggtggtggag ctgatgataa atctaccatc ggtggaggcg caggcggggc tggcggcgga     5760

ggcggaggcg gaggtggtgg cggtgatgca gacggcggtt taggctcaaa tgtctcttta     5820

ggcaacacag tcggcacctc aactattgta ctggtttcgg gcgccgtttt tggtttgacc     5880
```

Final TCR Display PCT.WorkFile.txt

```
ggtctgagac gagtgcgatt tttttcgttt ctaatagctt ccaacaattg ttgtctgtcg    5940

tctaaaggtg cagcgggttg aggttccgtc ggcattggtg gagcgggcgg caattcagac    6000

atcgatggtg gtggtggtgg tggaggcgct ggaatgttag gcacgggaga aggtggtggc    6060

ggcggtgccg ccggtataat ttgttctggt ttagtttgtt cgcgcacgat tgtgggcacc    6120

ggcgcaggcg ccgctggctg cacaacggaa ggtcgtctgc ttcgaggcag cgcttggggt    6180

ggtggcaatt caatattata attggaatac aaatcgtaaa aatctgctat aagcattgta    6240

atttcgctat cgtttaccgt gccgatattt aacaaccgct caatgtaagc aattgtattg    6300

taaagagatt gtctcaagct cggatcgatc ccgcacgccg ataacaagcc ttttcatttt    6360

tactacagca ttgtagtggc gagacacttc gctgtcgtcg acgtacatgt atgctttgtt    6420

gtcaaaaacg tcgttggcaa gctttaaaat atttaaaaga acatctctgt tcagcaccac    6480

tgtgttgtcg taaatgttgt ttttgataat ttgcgcttcc gcagtatcga cacgttcaaa    6540

aaattgatgc gcatcaattt tgttgttcct attattgaat aaataagatt gtacagattc    6600

atatctacga ttcgtcatgg ccaccacaaa tgctacgctg caaacgctgg tacaatttta    6660

cgaaaactgc aaaaacgtca aaactcggta taaataatc aacgggcgct ttggcaaaat    6720

atctatttta tcgcacaagc ccactagcaa attgtatttg cagaaaacaa tttcggcgca    6780

caattttaac gctgacgaaa taaaagttca ccagttaatg agcgaccacc caaattttat    6840

aaaaatctat tttaatcacg gttccatcaa caaccaagtg atcgtgatgg actacattga    6900

ctgtcccgat ttatttgaaa cactacaaat taaaggcgag ctttcgtacc aacttgttag    6960

caatattatt agacagctgt gtgaagcgct caacgatttg cacaagcaca atttcataca    7020

caacgacata aaactcgaaa atgtcttata tttcgaagca cttgatcgcg tgtatgtttg    7080

cgattacgga ttgtgcaaac acgaaaactc acttagcgtg cacgacggca cgttggagta    7140

ttttagtccg gaaaaaattc gacacacaac tatgcacgtt tcgtttgact ggtacgcggc    7200

gtgttaacat acaagttgct aaccggcggc cgacacccat ttgaaaaaag cgaagacgaa    7260

atgttggact tgaatagcat gaagcgtcgt cagcaataca atgacattgg cgttttaaaa    7320

cacgttcgta acgttaacgc tcgtgacttt gtgtactgcc taacaagata caacatagat    7380

tgtagactca caaattacaa acaaattata aaacatgagt ttttgtcgta aaaatgccac    7440

ttgtttttacg agtagaattc ccagcttggc actggccgtc gttttacaac gtcgtgactg    7500

ggaaaaccct ggcgttaccc aacttaatcg ccttgcagca catccccctt tcgccagctg    7560

gcgtaatagc gaagaggccc gcaccgatcg cccttcccaa cagttgcgca gcctgaatgg    7620

cgaatggcgc ctgatgcggt attttctcct tacgcatctg tgcggtattt cacaccgcat    7680

atggtgcact ctcagtacaa tctgctctga tgccgcatag ttaagccagc cccgacaccc    7740

gccaacaccc gctgacgcgc cctgacgggc ttgtctgctc ccggcatccg cttacagaca    7800

agctgtgacc gtctccggga gctgcatgtg tcagaggttt tcaccgtcat caccgaaacg    7860

cgcggacgaa agggcctcgt gatacgccta ttttttatagg ttaatgtcat gataataatg    7920
```

Final TCR Display PCT.WorkFile.txt

```
gtttcttaga cgtcaggtgg cacttttcgg ggaaatgtgc gcggaacccc tatttgttta     7980
tttttctaaa tacattcaaa tatgtatccg ctcatgagac aataaccctg ataaatgctt     8040
caataatatt gaaaaaggaa gagtatgagt attcaacatt tccgtgtcgc ccttattccc     8100
ttttttgcgg cattttgcct tcctgttttt gctcacccag aaacgctggt gaaagtaaaa     8160
gatgctgaag atcagttggg tgcacgagtg ggttacatcg aactggatct caacagcggt     8220
aagatccttg agagttttcg ccccgaagaa cgttttccaa tgatgagcac ttttaaagtt     8280
ctgctatgtg gcgcggtatt atcccgtatt gacgccgggc aagagcaact cggtcgccgc     8340
atacactatt ctcagaatga cttggttgag tactcaccag tcacagaaaa gcatcttacg     8400
gatggcatga cagtaagaga attatgcagt gctgccataa ccatgagtga taacactgcg     8460
gccaacttac ttctgacaac gatcggagga ccgaaggagc taaccgcttt tttgcacaac     8520
atgggggatc atgtaactcg ccttgatcgt tgggaaccgg agctgaatga agccatacca     8580
aacgacgagc gtgacaccac gatgcctgta gcaatggcaa caacgttgcg caaactatta     8640
actggcgaac tacttactct agcttcccgg caacaattaa tagactggat ggaggcggat     8700
aaagttgcag gaccacttct gcgctcggcc cttccggctg ctggtttat tgctgataaa     8760
tctggagccg gtgagcgtgg gtctcgcggt atcattgcag cactggggcc agatggtaag     8820
ccctcccgta tcgtagttat ctacacgacg gggagtcagg caactatgga tgaacgaaat     8880
agacagatcg ctgagatagg tgcctcactg attaagcatt ggtaactgtc agaccaagtt     8940
tactcatata tactttagat tgatttaaaa cttcattttt aatttaaaag gatctaggtg     9000
aagatccttt ttgataatct catgaccaaa atcccttaac gtgagttttc gttccactga     9060
gcgtcagacc ccgtagaaaa gatcaaagga tcttcttgag atccttttttt tctgcgcgta     9120
atctgctgct tgcaaacaaa aaaaccaccg ctaccagcgg tggtttgttt gccggatcaa     9180
gagctaccaa ctctttttcc gaaggtaact ggcttcagca gagcgcagat accaaatact     9240
gtccttctag tgtagccgta gttaggccac cacttcaaga actctgtagc accgcctaca     9300
tacctcgctc tgctaatcct gttaccagtg gctgctgcca gtggcgataa gtcgtgtctt     9360
accgggttgg actcaagacg atagttaccg gataaggcgc agcggtcggg ctgaacgggg     9420
ggttcgtgca cacagcccag cttggagcga acgacctaca ccgaactgag atacctacag     9480
cgtgagcatt gagaaagcgc cacgcttccc gaagggagaa aggcggacag gtatccggta     9540
agcggcaggg tcggaacagg agagcgcacg agggagcttc caggggggaa cgcctggtat     9600
ctttatagtc ctgtcgggtt tcgccacctc tgacttgagc gtcgattttt gtgatgctcg     9660
tcaggggggc ggagcctatg gaaaaacgcc agcaacgcgg ccttttttacg gttcctggcc     9720
ttttgctggc cttttgctca catgttcttt cctgcgttat cccctgattc tgtggataac     9780
cgtattaccg cctttgagtg agctgatacc gctcgccgca gccgaacgac cgagcgcagc     9840
gagtcagtga gcgaggaagc ggaagagcgc ccaatacgca aaccgcctct ccccgcgcgt     9900
tggccgattc attaatgcag ctggcacgac aggtttcccg actggaaagc gggcagtgag     9960
```

Final TCR Display PCT.WorkFile.txt

```
cgcaacgcaa ttaatgtgag ttagctcact cattaggcac cccaggcttt acactttatg    10020

cttccggctc gtatgttgtg tggaattgtg agcggataac aatttcacac aggaaacagc    10080

tatgaccatg attacg                                                    10096
```
<212> Type : DNA
<211> Length : 10096
      SequenceName : SEQ ID 169
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 169

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
```
ggtaccggat ccagcatggt gtgtctgaag ctccctggag gctcctgcat gacagcgctg    60

acagtgacac tgatggtgct gagctcccca ctggctttgt ccggagacac cggacctaag    120

tacgtcaagc agaacacact gaaactggct tccggtggcg gatctctagt tccacgcggt    180

agtggaggcg gtggttccgg agacacgcgt ccacgtttct tgtggcagct taagtttgaa    240

tgtcatttct tcaatgggac ggagcgggtg cggttgctgg aaagatgcat ctataaccaa    300

gaggagtccg tgcgcttcga cagcgacgtg ggggagtacc gggcggtgac ggagctgggg    360

cggcctgatg ccgagtactg gaacagccag aaggacctcc tggagcagag gcgggccgcg    420

gtggacacct actgcagaca caactacggg gttggtgaga gcttcacagt gcagcggcga    480

gttgagccta aggtgactgt gtatccttca aagacccagc ccctgcagca ccacaacctc    540

ctggtctgct ctgtgagtgg tttctatcca ggcagcattg aagtcaggtg gttccggaac    600

ggccaggaag agaaggctgg ggtggtgtcc acaggcctga tccagaatgg agattggacc    660

ttccagaccc tggtgatgct ggaaacagtt cctcggagtg gagaggttta cacctgccaa    720

gtggagcacc caagtgtgac gagccctctc acagtggaat ggagagcacg gtctgaatct    780

gcacagagca aggtcgacgg aggcggtggg ggtagaatcg cccggctgga ggaaaaagtg    840

aaaaccttga aagctcagaa ctcggagctg gcgtccacgg ccaacatgct cagggaacag    900

gtggcacagc ttaaacagaa agtcatgaac tactaggatc c                        941
```
<212> Type : DNA
<211> Length : 941
      SequenceName : SEQ ID 170
      SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 170

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
```
MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE    60

VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLAG GRPEQYFGPG TRLTVT        116
```

<212> Type : PRT

Final TCR Display PCT.WorkFile.txt
```
<211> Length : 116
      SequenceName : SEQ ID 171
      SequenceDescription :
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE    60

VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLMS AXPEQYFGPG TRLTVT       116
```

```
<212> Type : PRT
<211> Length : 116
      SequenceName : SEQ ID 172
      SequenceDescription :
```

Feature

```
Sequence: SEQ ID 172:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 116
      Other Information : where x is e, q or r
      CDSJoin : No
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE    60

VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLAG GRPEDQYFGP GTRLTVT      117
```

```
<212> Type : PRT
<211> Length : 117
      SequenceName : SEQ ID 173
      SequenceDescription :
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE    60

VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLVP GRPEQQFGPG TRLTVT       116
```

```
<212> Type : PRT
<211> Length : 116
      SequenceName : SEQ ID 174
      SequenceDescription :
```

Sequence

```
<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE    60

VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLAG GRPHPQFGPG TRLTVT       116
```

```
<212> Type : PRT
<211> Length : 116
      SequenceName : SEQ ID 175
      SequenceDescription :
```

Final TCR Display PCT.WorkFile.txt

Final TCR Display PCT.WorkFile.txt